

Single Axis Tilt Switch

This is a cost-effective single axis tilt switch designed for various applications. It is suitable for high voltage wire tower pole monitoring, cloud platform leveling, and hydraulic elevators.

LIS341 Dual-Axis Tilt Switch

- Accuracy: 0.1 °
- Resolution: 0.01 °
- Voltage Input: 9~35V
- Size: 90°40.5°26mm
- Shock Resistance: > 2000g
- Operating Temperature: -40°C ~+85°C
- Protection level : IP67



Product Overview

High-Precision Single Axis Tilt Switch

This highly cost-effective single axis tilt switch is engineered for superior consistency and stability in demanding environments. It provides reliable performance for critical applications such as high-voltage wire tower monitoring, cloud platform leveling, and industrial hydraulic elevation systems. With a robust design and high precision, it ensures operational safety and control.

Technical Specifications

| | |
|------------------------|---------|
| Measuring Axis | X axis |
| Accuracy | 0.1 ° |
| Measuring Range | ±90° |
| Zero Temperature Drift | ±0.01°/ |

Electrical & Environmental

| | |
|------------------|---------|
| Protection Level | IP67 |
| Power Supply | 9-35VDC |
| Output Mode | Voltage |
| Shock Resistance | 2000 g |

Operating Conditions

| | |
|-----------------------|------------|
| Operating Temperature | -40 ~ +85 |
| Storage Temperature | -55 ~ +100 |

Applications

Ideal For

- High voltage wire tower pole monitoring
- Cloud platform leveling
- High altitude operation machines
- Hydraulic elevators